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OCT 17 2005

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. Of: TAKEUCHI  
Serial No.: 10/647,582  
Filed: August 25, 2003  
For: VARIABLE DRIVE CURRENT DRIVER CIRCUIT  
Group: 2816  
Examiner: NGUYEN, LONG T. DOCKET: NEC F-11100DIV

MAIL STOP AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

AMENDMENT D UNDER RULE 116

Dear Sir:

This Amendment is being filed in response to the Final Action mailed July 18, 2005.

Please amend the Application as follows:

Amendments to the Claims begin on page 2 of this Amendment.

Remarks/Arguments begin on page 16 of this Amendment.

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